

Boris Turk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6705842/publications.pdf>

Version: 2024-02-01

190
papers

19,201
citations

19608

61
h-index

12233

133
g-index

198
all docs

198
docs citations

198
times ranked

24425
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of novel cathepsin-X inhibitors in vitro and in vivo and their ability to improve cathepsin-B-directed antitumor therapy. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 34.	2.4	6
2	Improved Cathepsin Probes for Sensitive Molecular Imaging. <i>Molecules</i> , 2022, 27, 842.	1.7	0
3	Computational Indicator Approach for Assessment of Nanotoxicity of Two-Dimensional Nanomaterials. <i>Nanomaterials</i> , 2022, 12, 650.	1.9	9
4	Human cathepsin X/Z is a biologically active homodimer. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140567.	1.1	9
5	Mechanisms Applied by Protein Inhibitors to Inhibit Cysteine Proteases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 997.	1.8	12
6	Altered Expression of Peroxiredoxins in Mouse Model of Progressive Myoclonus Epilepsy upon LPS-Induced Neuroinflammation. <i>Antioxidants</i> , 2021, 10, 357.	2.2	1
7	Cathepsin Dâ€™Managing the Delicate Balance. <i>Pharmaceutics</i> , 2021, 13, 837.	2.0	30
8	Cystatin C Deficiency Increases LPS-Induced Sepsis and NLRP3 Inflammasome Activation in Mice. <i>Cells</i> , 2021, 10, 2071.	1.8	12
9	Tissue Engineering Meets Nanotechnology: Molecular Mechanism Modulations in Cornea Regeneration. <i>Micromachines</i> , 2021, 12, 1336.	1.4	8
10	Identification of Desmoglein-2 as a novel target of <i>Helicobacter pylori</i> HtrA in epithelial cells. <i>Cell Communication and Signaling</i> , 2021, 19, 108.	2.7	9
11	Application of Crumpled Aluminum Hydroxide Nanostructures for Cancer Treatment. <i>Springer Tracts in Mechanical Engineering</i> , 2021, , 211-223.	0.1	1
12	The Acute Phase Response Is a Prominent Renal Proteome Change in Sepsis in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 200.	1.8	18
13	Multiplexed Probing of Proteolytic Enzymes Using Mass Cytometry-Compatible Activity-Based Probes. <i>Journal of the American Chemical Society</i> , 2020, 142, 16704-16715.	6.6	27
14	Proteolysis of Gingival Keratinocyte Cell Surface Proteins by Gingipains Secreted From <i>Porphyromonas gingivalis</i> â€™ Proteomic Insights Into Mechanisms Behind Tissue Damage in the Diseased Gingiva. <i>Frontiers in Microbiology</i> , 2020, 11, 722.	1.5	12
15	Epithelial-to-mesenchymal transition as the driver of changing carcinoma and glioblastoma microenvironment. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118782.	1.9	41
16	Spatiotemporal proteomics uncovers cathepsin-dependent macrophage cell death during <i>Salmonella</i> infection. <i>Nature Microbiology</i> , 2020, 5, 1119-1133.	5.9	30
17	Use of Non-Natural Amino Acids for the Design and Synthesis of a Selective, Cell-Permeable MALT1 Activity-Based Probe. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3996-4004.	2.9	8
18	A novel FRET peptide assay reveals efficient <i>Helicobacter pylori</i> HtrA inhibition through zinc and copper binding. <i>Scientific Reports</i> , 2020, 10, 10563.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Cysteine cathepsins as therapeutic targets in inflammatory diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 573-588.	1.5	24
20	Intracellular cathepsin C levels determine sensitivity of cells to leucyl-L-leucine methyl ester-triggered apoptosis. <i>FEBS Journal</i> , 2020, 287, 5148-5166.	2.2	17
21	Comparative study of the differential cell death protecting effect of various ROS scavengers. <i>Biological Chemistry</i> , 2019, 400, 149-160.	1.2	9
22	Fluorescent probes towards selective cathepsin B detection and visualization in cancer cells and patient samples. <i>Chemical Science</i> , 2019, 10, 8461-8477.	3.7	47
23	The Alkyne Moiety as a Latent Electrophile in Irreversible Covalent Small Molecule Inhibitors of Cathepsin K. <i>Journal of the American Chemical Society</i> , 2019, 141, 3507-3514.	6.6	72
24	Mitochondria, Apoptosis and Cancer (MAC) 2017. <i>Biological Chemistry</i> , 2019, 400, 123-124.	1.2	0
25	Stefin A-functionalized liposomes as a system for cathepsins S and L-targeted drug delivery. <i>Biochimie</i> , 2019, 166, 94-102.	1.3	16
26	Cysteine Cathepsins and their Extracellular Roles: Shaping the Microenvironment. <i>Cells</i> , 2019, 8, 264.	1.8	255
27	Nuclear RNA foci from <i>C9ORF72</i> expansion mutation form paraspeckle-like bodies. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	36
28	Upregulation of Mitochondrial Redox Sensitive Proteins in LPS-Treated Stefin B-Deficient Macrophages. <i>Cells</i> , 2019, 8, 1476.	1.8	10
29	IQGAP-related protein IqgC suppresses Ras signaling during large-scale endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1289-1298.	3.3	19
30	Cysteine cathepsins in extracellular matrix remodeling: Extracellular matrix degradation and beyond. <i>Matrix Biology</i> , 2019, 75-76, 141-159.	1.5	106
31	Selective imaging of cathepsin B in breast cancer by fluorescent activity-based probes. <i>Chemical Science</i> , 2018, 9, 2113-2129.	3.7	64
32	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
33	Crumpled Aluminum Hydroxide Nanostructures as a Microenvironment Dysregulation Agent for Cancer Treatment. <i>Nano Letters</i> , 2018, 18, 5401-5410.	4.5	33
34	Protease Specificity: Towards In Vivo Imaging Applications and Biomarker Discovery. <i>Trends in Biochemical Sciences</i> , 2018, 43, 829-844.	3.7	51
35	Host cell-surface proteins as substrates of gingipains, the main proteases of <i>Porphyromonas gingivalis</i> . <i>Biological Chemistry</i> , 2018, 399, 1353-1361.	1.2	24
36	Highly sensitive and adaptable fluorescence-quenched pair discloses the substrate specificity profiles in diverse protease families. <i>Scientific Reports</i> , 2017, 7, 43135.	1.6	51

#	ARTICLE	IF	CITATIONS
37	Protean proteases: at the cutting edge of lung diseases. <i>European Respiratory Journal</i> , 2017, 49, 1501200.	3.1	49
38	Tumor Necrosis Factor- α Induced Apoptosis in U937 Cells Promotes Cathepsin D-Independent Stefin B Degradation. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4813-4820.	1.2	7
39	Lysosomes in programmed cell death pathways: from initiators to amplifiers. <i>Biological Chemistry</i> , 2017, 398, 289-301.	1.2	46
40	Cathepsin nanofiber substrates as potential agents for targeted drug delivery. <i>Journal of Controlled Release</i> , 2017, 257, 60-67.	4.8	28
41	Protease cleavage site fingerprinting by label-free in-gel degradomics reveals pH-dependent specificity switch of legumain. <i>EMBO Journal</i> , 2017, 36, 2455-2465.	3.5	58
42	The Future of Cysteine Cathepsins in Disease Management. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 873-898.	4.0	146
43	Cystatin C deficiency suppresses tumor growth in a breast cancer model through decreased proliferation of tumor cells. <i>Oncotarget</i> , 2017, 8, 73793-73809.	0.8	22
44	Salivary Tick Cystatin OmC2 Targets Lysosomal Cathepsins S and C in Human Dendritic Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 288.	1.8	21
45	Non-invasive <i>in vivo</i> imaging of tumour-associated cathepsin B by a highly selective inhibitory DARPIn. <i>Theranostics</i> , 2017, 7, 2806-2821.	4.6	40
46	Cathepsin Protease Controls Copper and Cisplatin Accumulation via Cleavage of the Ctr1 Metal-binding Ectodomain. <i>Journal of Biological Chemistry</i> , 2016, 291, 13905-13916.	1.6	41
47	Designing Ga(III)-containing hydroxyapatite with antibacterial activity. <i>RSC Advances</i> , 2016, 6, 112839-112852.	1.7	30
48	Identification of Protease Specificity by Combining Proteome-Derived Peptide Libraries and Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2515-2524.	2.5	43
49	Lysosomal cathepsins and their regulation in aging and neurodegeneration. <i>Ageing Research Reviews</i> , 2016, 32, 22-37.	5.0	280
50	The Use of Lysosomotropic Dyes to Exclude Lysosomal Membrane Permeabilization. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot087106.	0.2	26
51	Measuring Cysteine Cathepsin Activity to Detect Lysosomal Membrane Permeabilization. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot087114.	0.2	8
52	Counter Selection Substrate Library Strategy for Developing Specific Protease Substrates and Probes. <i>Cell Chemical Biology</i> , 2016, 23, 1023-1035.	2.5	45
53	Integrated omics approaches provide strategies for rapid erythromycin yield increase in <i>Saccharopolyspora erythraea</i> . <i>Microbial Cell Factories</i> , 2016, 15, 93.	1.9	24
54	Strategies for Assaying Lysosomal Membrane Permeabilization. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top077479.	0.2	17

#	ARTICLE	IF	CITATIONS
55	Current trends and challenges in proteomic identification of protease substrates. <i>Biochimie</i> , 2016, 122, 77-87.	1.3	38
56	In vivo imaging of <i>Lactococcus lactis</i> , <i>Lactobacillus plantarum</i> and <i>Escherichia coli</i> expressing infrared fluorescent protein in mice. <i>Microbial Cell Factories</i> , 2015, 14, 181.	1.9	40
57	Highly Selective Anti-Cancer Activity of Cholesterol-Interacting Agents Methyl- β -Cyclodextrin and Ostreolysin A/Pleurotolysin B Protein Complex on Urothelial Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0137878.	1.1	51
58	Fast profiling of protease specificity reveals similar substrate specificities for cathepsins K, L and S. <i>Proteomics</i> , 2015, 15, 2479-2490.	1.3	44
59	Photodynamic Quenched Cathepsin Activity Based Probes for Cancer Detection and Macrophage Targeted Therapy. <i>Theranostics</i> , 2015, 5, 847-862.	4.6	46
60	Detecting cathepsin activity in human osteoarthritis via activity-based probes. <i>Arthritis Research and Therapy</i> , 2015, 17, 69.	1.6	48
61	Covalent Binding of Heparin to Functionalized PET Materials for Improved Haemocompatibility. <i>Materials</i> , 2015, 8, 1526-1544.	1.3	33
62	Cysteine Cathepsins Activate ELR Chemokines and Inactivate Non-ELR Chemokines. <i>Journal of Biological Chemistry</i> , 2015, 290, 13800-13811.	1.6	66
63	Proteomic Identification of Cysteine Cathepsin Substrates Shed from the Surface of Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2213-2228.	2.5	82
64	Endoglin (CD105) Silencing Mediated by shRNA Under the Control of Endothelin-1 Promoter for Targeted Gene Therapy of Melanoma. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e239.	2.3	18
65	Development of <i>N</i> -(Functionalized benzoyl)-homocycloleucyl-glycinonitriles as Potent Cathepsin K Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6928-6937.	2.9	24
66	Biochemical Characterization and Substrate Specificity of Autophagin-2 from the Parasite <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 28231-28244.	1.6	7
67	Nitroxoline impairs tumor progression in vitro and in vivo by regulating cathepsin B activity. <i>Oncotarget</i> , 2015, 6, 19027-19042.	0.8	64
68	Cytosolic Cathepsin Inhibitor Stefin B (Cystatin B) Regulate Caspase-1 Expression. <i>FASEB Journal</i> , 2015, 29, LB191.	0.2	0
69	Cysteine Cathepsin Activity Regulation by Glycosaminoglycans. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	45
70	Selective Targeting of Tumor and Stromal Cells By a Nanocarrier System Displaying Lipidated Cathepsin B Inhibitor. <i>Angewandte Chemie</i> , 2014, 126, 10241-10245.	1.6	3
71	InnenrÄ¼cktitelbild: Selective Targeting of Tumor and Stromal Cells By a Nanocarrier System Displaying Lipidated Cathepsin B Inhibitor (<i>Angew. Chem.</i> 38/2014). <i>Angewandte Chemie</i> , 2014, 126, 10417-10417.	1.6	0
72	A Role for Stefin B (Cystatin B) in Inflammation and Endotoxemia. <i>Journal of Biological Chemistry</i> , 2014, 289, 31736-31750.	1.6	64

#	ARTICLE	IF	CITATIONS
73	Unnatural amino acids increase activity and specificity of synthetic substrates for human and malarial cathepsin C. <i>Amino Acids</i> , 2014, 46, 931-943.	1.2	37
74	Cysteine cathepsins and extracellular matrix degradation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2560-2570.	1.1	255
75	Decreased IL-10 expression in steffin-deficient macrophages is regulated by the MAP kinase and STAT3 signaling pathways. <i>FEBS Letters</i> , 2014, 588, 720-726.	1.3	29
76	Selective Targeting of Tumor and Stromal Cells By a Nanocarrier System Displaying Lipidated Cathepsin-B Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10077-10081.	7.2	60
77	Cysteine cathepsins and their potential in clinical therapy and biomarker discovery. <i>Proteomics - Clinical Applications</i> , 2014, 8, 416-426.	0.8	51
78	In-vivo Imaging of Mouse Tumors by a Lipidated Cathepsin-S Substrate. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7669-7673.	7.2	53
79	Lysosomal membrane permeabilization in cell death: Concepts and challenges. <i>Mitochondrion</i> , 2014, 19, 49-57.	1.6	164
80	New Uses for Old Drugs: Attempts to Convert Quinolone Antibacterials into Potential Anticancer Agents Containing Ruthenium. <i>Inorganic Chemistry</i> , 2013, 52, 9039-9052.	1.9	102
81	Plasma Glutamate Carboxypeptidase. , 2013, , 1707-1710.		0
82	The Endolysosomal System in Cell Death and Survival. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a008755-a008755.	2.3	110
83	N-terminally truncated forms of human cathepsin F accumulate in aggresome-like inclusions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2254-2266.	1.9	14
84	The proinflammatory cytokines interleukin-1 β and tumor necrosis factor β promote the expression and secretion of proteolytically active cathepsin S from human chondrocytes. <i>Biological Chemistry</i> , 2013, 394, 307-316.	1.2	28
85	Dipeptidyl-Peptidase I. , 2013, , 1968-1974.		0
86	Protease signalling: the cutting edge. <i>EMBO Journal</i> , 2012, 31, 1630-1643.	3.5	242
87	Differential Impact of Cysteine Cathepsins on Genetic Mouse Models of De novo Carcinogenesis: Cathepsin B as Emerging Therapeutic Target. <i>Frontiers in Pharmacology</i> , 2012, 3, 133.	1.6	40
88	Cysteine cathepsins are not critical for TRAIL- and CD95-induced apoptosis in several human cancer cell lines. <i>Biological Chemistry</i> , 2012, 393, 1417-1431.	1.2	20
89	Cathepsin Cleavage of Sirtuin 1 in Endothelial Progenitor Cells Mediates Stress-Induced Premature Senescence. <i>American Journal of Pathology</i> , 2012, 180, 973-983.	1.9	107
90	Lysosomes and lysosomal cathepsins in cell death. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 22-33.	1.1	333

#	ARTICLE	IF	CITATIONS
91	Cysteine cathepsins: From structure, function and regulation to new frontiers. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 68-88.	1.1	990
92	Cathepsin C and plasma glutamate carboxypeptidase secreted from Fischer rat thyroid cells liberate thyroxin from the N-terminus of thyroglobulin. <i>Biochimie</i> , 2012, 94, 719-726.	1.3	16
93	Hydroxyapatite/platinum bio-photocatalyst: a biomaterial approach to self-cleaning. <i>Journal of Materials Chemistry</i> , 2012, 22, 10571.	6.7	28
94	Synthesis and Biological Evaluation of the Thionated Antibacterial Agent Nalidixic Acid and Its Organoruthenium(II) Complex. <i>Organometallics</i> , 2012, 31, 5867-5874.	1.1	62
95	Increased expression of stefin B in the nucleus of T98G astrocytoma cells delays caspase activation. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 93.	1.4	15
96	Lysosomal pathways to cell death and their therapeutic applications. <i>Experimental Cell Research</i> , 2012, 318, 1245-1251.	1.2	179
97	Ferri-liposomes as an MRI-visible drug-delivery system for targeting tumours and their microenvironment. <i>Nature Nanotechnology</i> , 2011, 6, 594-602.	15.6	358
98	Functional in vivo imaging of cysteine cathepsin activity in murine model of inflammation. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1055-1061.	1.4	45
99	Autophagy in protists. <i>Autophagy</i> , 2011, 7, 127-158.	4.3	148
100	A Role for Serglycin Proteoglycan in Mast Cell Apoptosis Induced by a Secretory Granule-mediated Pathway*. <i>Journal of Biological Chemistry</i> , 2011, 286, 5423-5433.	1.6	32
101	Increased nucleolar localization of SpiA3G in classically but not alternatively activated macrophages. <i>FEBS Letters</i> , 2010, 584, 2201-2206.	1.3	10
102	Selective and Sensitive Monitoring of Caspase-1 Activity by a Novel Bioluminescent Activity-Based Probe. <i>Chemistry and Biology</i> , 2010, 17, 999-1007.	6.2	37
103	Human and mouse perforin are processed in part through cleavage by the lysosomal cysteine proteinase cathepsin L. <i>Immunology</i> , 2010, 131, 257-267.	2.0	44
104	Nuclear cysteine cathepsin variants in thyroid carcinoma cells. <i>Biological Chemistry</i> , 2010, 391, 923-35.	1.2	62
105	Expression and activity profiling of selected cysteine cathepsins and matrix metalloproteinases in synovial fluids from patients with rheumatoid arthritis and osteoarthritis. <i>Biological Chemistry</i> , 2010, 391, 571-579.	1.2	101
106	Stefin B Interacts with Histones and Cathepsin L in the Nucleus. <i>Journal of Biological Chemistry</i> , 2010, 285, 10078-10086.	1.6	89
107	Lysosomalâ€“mitochondrial cross-talk during cell death. <i>Mitochondrion</i> , 2010, 10, 662-669.	1.6	148
108	Murine and human cathepsin B exhibit similar properties: possible implications for drug discovery. <i>Biological Chemistry</i> , 2009, 390, 175-179.	1.2	8

#	ARTICLE	IF	CITATIONS
109	Murine and human cathepsin B exhibit similar properties: possible implications for drug discovery. <i>Biological Chemistry</i> , 2009, 390, 517-517.	1.2	1
110	Lysosomes as "Suicide Bags" in Cell Death: Myth or Reality?. <i>Journal of Biological Chemistry</i> , 2009, 284, 21783-21787.	1.6	233
111	Autocatalytic processing of procathepsin B is triggered by proenzyme activity. <i>FEBS Journal</i> , 2009, 276, 660-668.	2.2	78
112	Cysteine cathepsins are not critical for TNF α -induced cell death in T98G and U937 cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1372-1377.	1.1	8
113	A major cathepsin B protease from the liver fluke <i>Fasciola hepatica</i> has atypical active site features and a potential role in the digestive tract of newly excysted juvenile parasites. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1601-1612.	1.2	39
114	Selective Activity-Based Probes for Cysteine Cathepsins. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 406-409.	7.2	72
115	Cysteine protease cathepsin X modulates immune response via activation of β_2 integrins. <i>Immunology</i> , 2008, 124, 76-88.	2.0	53
116	Thiopurine analogues inhibit papain-like protease of severe acute respiratory syndrome coronavirus. <i>Biochemical Pharmacology</i> , 2008, 75, 1601-1609.	2.0	94
117	Chapter Nine Lysosomes in Apoptosis. <i>Methods in Enzymology</i> , 2008, 442, 183-199.	0.4	74
118	Dual contrasting roles of cysteine cathepsins in cancer progression: Apoptosis versus tumour invasion. <i>Biochimie</i> , 2008, 90, 380-386.	1.3	118
119	Cysteine Cathepsins Trigger Caspase-dependent Cell Death through Cleavage of Bid and Antiapoptotic Bcl-2 Homologues. <i>Journal of Biological Chemistry</i> , 2008, 283, 19140-19150.	1.6	327
120	Autophagy Is Involved in Nutritional Stress Response and Differentiation in <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 3454-3464.	1.6	127
121	Blocking autophagy to prevent parasite differentiation: A possible new strategy for fighting parasitic infections?. <i>Autophagy</i> , 2008, 4, 361-363.	4.3	40
122	DNA Accelerates the Inhibition of Human Cathepsin V by Serpins. <i>Journal of Biological Chemistry</i> , 2007, 282, 36980-36986.	1.6	40
123	Editorial [Hot Topic: Recent Advances and Future Prospect in Protease Targeting (Executive Editor: B.) Tj ETQq1 1 0,784314 rgBT /Overlock 10 T	0,9	1
124	Emerging Roles of Cysteine Cathepsins in Disease and their Potential as Drug Targets. <i>Current Pharmaceutical Design</i> , 2007, 13, 385-401.	0.9	56
125	Emerging Roles of Cysteine Cathepsins in Disease and their Potential as Drug Targets. <i>Current Pharmaceutical Design</i> , 2007, 13, 387-403.	0.9	398
126	Editorial [Hot Topic: Recent Advances and Future Prospect in Protease Targeting (Executive Editor: B.) Tj ETQq0 0 0,rgBT /Overlock 10 T	0,9	1

#	ARTICLE	IF	CITATIONS
127	Cysteine proteases: destruction ability versus immunomodulation capacity in immune cells. <i>Biological Chemistry</i> , 2007, 388, 1141-9.	1.2	40
128	Glycosaminoglycans Facilitate Procathepsin B Activation through Disruption of Propeptide-Mature Enzyme Interactions. <i>Journal of Biological Chemistry</i> , 2007, 282, 33076-33085.	1.6	86
129	Cellular localization of MAGI-1 caspase cleavage products and their role in apoptosis. <i>Biological Chemistry</i> , 2007, 388, 1195-1198.	1.2	8
130	Cleavage of the myristoylated alanine-rich C kinase substrate (MARCKS) by cysteine cathepsins in cells and tissues of stefin B-deficient mice. <i>Biological Chemistry</i> , 2007, 388, 847-852.	1.2	7
131	Protease signalling in cell death: caspases versus cysteine cathepsins. <i>FEBS Letters</i> , 2007, 581, 2761-2767.	1.3	174
132	Cysteine cathepsins are not involved in Fas/CD95 signalling in primary skin fibroblasts. <i>FEBS Letters</i> , 2007, 581, 5185-5190.	1.3	15
133	Lysosomal cysteine cathepsins: signaling pathways in apoptosis. <i>Biological Chemistry</i> , 2007, 388, 555-60.	1.2	117
134	Cleavage of MAGI-1, a tight junction PDZ protein, by caspases is an important step for cell-cell detachment in apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 343-354.	2.2	24
135	Targeting proteases: successes, failures and future prospects. <i>Nature Reviews Drug Discovery</i> , 2006, 5, 785-799.	21.5	1,149
136	Do lysosomes induce cell death?. <i>IUBMB Life</i> , 2006, 58, 493-494.	1.5	4
137	Carboxypeptidase cathepsin X mediates β 2-integrin-dependent adhesion of differentiated U-937 cells. <i>Experimental Cell Research</i> , 2006, 312, 2515-2527.	1.2	70
138	Metacaspases of <i>Trypanosoma cruzi</i> : Possible candidates for programmed cell death mediators. <i>Molecular and Biochemical Parasitology</i> , 2006, 145, 18-28.	0.5	91
139	Lysosomal Cysteine Proteases: Structural Features and their Role in Apoptosis. <i>IUBMB Life</i> , 2005, 57, 347-353.	1.5	88
140	Inhibitory properties of cystatin F and its localization in U937 promonocyte cells. <i>FEBS Journal</i> , 2005, 272, 1535-1545.	2.2	73
141	A novel caspase-7 specific monoclonal antibody. <i>Immunology Letters</i> , 2005, 98, 167-169.	1.1	1
142	Activation processing of cathepsin H impairs recognition by its propeptide. <i>Biological Chemistry</i> , 2005, 386, 941-7.	1.2	11
143	Recombinant human cathepsin X is a carboxymonopeptidase only: a comparison with cathepsins B and L. <i>Biological Chemistry</i> , 2005, 386, 1191-5.	1.2	30
144	hDLG/SAP97, a member of the MAGUK protein family, is a novel caspase target during cell-cell detachment in apoptosis. <i>Biological Chemistry</i> , 2005, 386, 705-10.	1.2	20

#	ARTICLE	IF	CITATIONS
145	Regulating Cysteine Protease Activity: Essential Role of Protease Inhibitors as Guardians and Regulators. <i>Medicinal Chemistry Reviews Online</i> , 2005, 2, 283-297.	0.1	7
146	Carboxypeptidases cathepsins X and B display distinct protein profile in human cells and tissues. <i>Experimental Cell Research</i> , 2005, 306, 103-113.	1.2	115
147	Affinity selection to papain yields potent peptide inhibitors of cathepsins L, B, H, and K. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 897-903.	1.0	24
148	Recombinant human procathepsin S is capable of autocatalytic processing at neutral pH in the presence of glycosaminoglycans. <i>FEBS Letters</i> , 2005, 579, 1285-1290.	1.3	91
149	Sensitization of stefin B-deficient thymocytes towards staurosporin-induced apoptosis is independent of cysteine cathepsins. <i>FEBS Letters</i> , 2005, 579, 2149-2155.	1.3	27
150	Cathepsin X binds to cell surface heparan sulfate proteoglycans. <i>Archives of Biochemistry and Biophysics</i> , 2005, 436, 323-332.	1.4	52
151	Selective Disruption of Lysosomes in HeLa Cells Triggers Apoptosis Mediated by Cleavage of Bid by Multiple Papain-like Lysosomal Cathepsins. <i>Journal of Biological Chemistry</i> , 2004, 279, 3578-3587.	1.6	412
152	Human cathepsin F: expression in baculovirus system, characterization and inhibition by protein inhibitors. <i>Biological Chemistry</i> , 2004, 385, 505-9.	1.2	12
153	Comprehensive search for cysteine cathepsins in the human genome. <i>Biological Chemistry</i> , 2004, 385, 363-72.	1.2	126
154	Cysteine cathepsins (proteases)â€™On the main stage of cancer?. <i>Cancer Cell</i> , 2004, 5, 409-410.	7.7	147
155	Production and activation of recombinant papain-like cysteine proteases. <i>Methods</i> , 2004, 32, 199-206.	1.9	104
156	Vito Turk â€™30 Years of Research on Cysteine Proteases and Their Inhibitors. <i>Biological Chemistry</i> , 2003, 384, 833-6.	1.2	0
157	Recombinant Human Cathepsin H Lacking the Mini Chain Is an Endopeptidase. <i>Biochemistry</i> , 2003, 42, 13522-13528.	1.2	46
158	Papain-like lysosomal cysteine proteases and their inhibitors: drug discovery targets?. <i>Biochemical Society Symposia</i> , 2003, 70, 15-30.	2.7	37
159	Apoptotic Pathways: Involvement of Lysosomal Proteases. <i>Biological Chemistry</i> , 2002, 383, 1035-44.	1.2	179
160	Lysosomal Cysteine Proteases and Their Protein Inhibitor. , 2002, , 227-240.		0
161	Regulating Cysteine Protease Activity: Essential Role of Protease Inhibitors As Guardians and Regulators. <i>Current Pharmaceutical Design</i> , 2002, 8, 1623-1637.	0.9	221
162	Lysosomal cathepsins: structure, role in antigen processing and presentation, and cancer. <i>Advances in Enzyme Regulation</i> , 2002, 42, 285-303.	2.9	160

#	ARTICLE	IF	CITATIONS
163	Human Recombinant Pro-dipeptidyl Peptidase I (Cathepsin C) Can Be Activated by Cathepsins L and S but Not by Autocatalytic Processing. <i>Biochemistry</i> , 2001, 40, 1671-1678.	1.2	155
164	Acidic pH as a physiological regulator of human cathepsin L activity. <i>FEBS Journal</i> , 2001, 259, 926-932.	0.2	62
165	Lysosomal Protease Pathways to Apoptosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 3149-3157.	1.6	576
166	Biochemical characterization of human cathepsin X revealed that the enzyme is an exopeptidase, acting as carboxymonopeptidase or carboxydipeptidase. <i>FEBS Journal</i> , 2000, 267, 5404-5412.	0.2	70
167	Crystal structure of cathepsin X: a flip-flop of the ring of His23 allows carboxy-monopeptidase and carboxy-dipeptidase activity of the protease. <i>Structure</i> , 2000, 8, 305-313.	1.6	79
168	Lysosomal cysteine proteases: more than scavengers. <i>BBA - Proteins and Proteomics</i> , 2000, 1477, 98-111.	2.1	685
169	The high stability of cruzipain against pH-induced inactivation is not dependent on its C-terminal domain. <i>FEBS Letters</i> , 2000, 469, 29-32.	1.3	7
170	The Region of Antithrombin Interacting with Full-Length Heparin Chains Outside the High-Affinity Pentasaccharide Sequence Extends to Lys136 but Not to Lys139. <i>Biochemistry</i> , 2000, 39, 8512-8518.	1.2	38
171	Interaction of Cystatin C Variants with Papain and Human Cathepsins B, H and L. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1999, 14, 167-174.	0.5	40
172	Autocatalytic processing of recombinant human procathepsin B is a bimolecular process. <i>FEBS Letters</i> , 1999, 459, 358-362.	1.3	100
173	A Pre-Steady-State Kinetic Analysis of Substrate Binding to Human Recombinant Deoxycytidine Kinase: A Model for Nucleoside Kinase Action. <i>Biochemistry</i> , 1999, 38, 8555-8561.	1.2	16
174	Revised Definition of Substrate Binding Sites of Papain-Like Cysteine Proteases. <i>Biological Chemistry</i> , 1998, 379, 137-148.	1.2	218
175	The Oligosaccharide Side Chain on Asn-135 of $\hat{1}\pm$ -Antithrombin, Absent in $\hat{1}^2$ -Antithrombin, Decreases the Heparin Affinity of the Inhibitor by Affecting the Heparin-Induced Conformational Change. <i>Biochemistry</i> , 1997, 36, 6682-6691.	1.2	110
176	Equistatin, a New Inhibitor of Cysteine Proteinases from <i>Actinia equina</i> , Is Structurally Related to Thyroglobulin Type-1 Domain. <i>Journal of Biological Chemistry</i> , 1997, 272, 13899-13903.	1.6	97
177	High-molecular-weight kininogen binds two molecules of cysteine proteinases with different rate constants. <i>FEBS Letters</i> , 1996, 391, 109-112.	1.3	32
178	Interaction of human cathepsin C with chicken cystatin. <i>FEBS Letters</i> , 1996, 392, 277-280.	1.3	23
179	Crystallographic and Fluorescence Studies of Ligand Binding to N-Carbamoylsarcosine Amidohydrolase from <i>Arthrobacter</i> sp.. <i>Journal of Molecular Biology</i> , 1996, 263, 269-283.	2.0	26
180	Characterization of Cystatin C from Bovine Parotid Glands: Cysteine Proteinase Inhibition and Antiviral Properties. <i>Biological Chemistry Hoppe-Seyler</i> , 1996, 377, 19-24.	1.4	17

#	ARTICLE	IF	CITATIONS
181	High-affinity binding of two molecules of cysteine proteinases to low-molecular-weight kininogen. <i>Protein Science</i> , 1995, 4, 1874-1880.	3.1	33
182	Regulation of the Activity of Lysosomal Cysteine Proteinases by pH-Induced Inactivation and/or Endogenous Protein Inhibitors, Cystatins. <i>Biological Chemistry Hoppe-Seyler</i> , 1995, 376, 225-230.	1.4	97
183	Oligomeric Structure and Substrate Induced Inhibition of Human Cathepsin C. <i>Journal of Biological Chemistry</i> , 1995, 270, 21626-21631.	1.6	112
184	Identification of bovine stefin A, a novel protein inhibitor of cysteine proteinases. <i>FEBS Letters</i> , 1995, 360, 101-105.	1.3	34
185	Human Cathepsin B Is a Metastable Enzyme Stabilized by Specific Ionic Interactions Associated with the Active Site. <i>Biochemistry</i> , 1994, 33, 14800-14806.	1.2	77
186	Kinetics of inhibition of bovine cathepsin S by bovine stefin B. <i>FEBS Letters</i> , 1994, 339, 155-159.	1.3	32
187	Kinetics of the pH-induced inactivation of human cathepsin L. <i>Biochemistry</i> , 1993, 32, 375-380.	1.2	133
188	Isolation and Characterization of Bovine Stefin B. <i>Biological Chemistry Hoppe-Seyler</i> , 1992, 373, 441-446.	1.4	16
189	Characterization and Structure of Pineapple Stem Inhibitor of Cysteine Proteinases. <i>Biological Chemistry Hoppe-Seyler</i> , 1992, 373, 459-464.	1.4	16
190	The complete primary structure of bovine stefin B. <i>FEBS Letters</i> , 1992, 298, 237-239.	1.3	14